

S/N 10/053,514
AMENDMENT

ATTY DOCKET NO. 0212-0001

In Th Claims:

Please amend the claims as follows:

1 (currently amended). A subassembly for a cooling package for use in a an agricultural combine, comprising:

a radiator having ~~an upstream a face, a downstream face, a top, a bottom, and two sides;~~ and

a charge air cooler having ~~an upstream a face, a downstream face, a top, a bottom, and two sides;~~

said charge air cooler being connected to said radiator to form a subassembly face comprising the radiator face and the charge air cooler face and to form a seal between said radiator and said charge air cooler, whereby leak paths are eliminated between the radiator and the charge air cooler.

~~wherein one side of the radiator is connected to one side of the charge air cooler in order to form a seal between the radiator and the charge air cooler.~~

2 (currently amended). The subassembly of claim ~~1~~ 9, wherein the ~~connected~~ sides of the radiator and the charge air cooler have extended lips and the ~~connected~~ sides are connected by bolting the extended lips together.

3 (currently amended). A cooling package for use in a an agricultural combine, comprising:

a frame having walls that define an opening, each wall having an inner surface;

a flange attached to the inner surfaces of the walls, the flange extending inwardly into the opening;

a radiator having a front, a rear, a top, a bottom, and two sides face;

a charge air cooler having a front, a rear, a top, a bottom, and two sides face;

~~one side of the radiator being connected to one side of the charge air cooler in order to form a subassembly, the subassembly having a face with a perimeter, said subassembly face comprising the radiator face and the charge air cooler face;~~

the subassembly being mounted in the opening of the frame, there being a seal between so that the perimeter of the subassembly face seals against and the

S/N 10/053,514
AMENDMENT

ATTY DOCKET NO. 0212-0001

flange, thereby eliminating leak paths around the perimeter of the subassembly face.

4 (currently amended). The cooling package of claim ~~3~~ 11, wherein the ~~connected~~ sides of the radiator and the charge air cooler have extended lips and the sides are connected by bolting the extended lips together.

5 (original). The cooling package of claim 3, wherein the seal between the perimeter of the face of the subassembly and the flange comprises foam between the perimeter and the flange.

6 (currently amended). A method of manufacturing a cooling package for use in a agricultural combine, comprising the steps of:

providing a frame having walls that define an opening, each wall having an inner surface;

attaching a flange to the inner surfaces of the walls so that the flange extends inwardly into the opening;

providing a radiator having ~~a front, a rear, a top, a bottom, and two sides~~ face;

providing a charge air cooler having ~~a front, a rear, a top, a bottom, and two sides~~ face;

connecting ~~one side of the radiator to one side of the charge air cooler to form a subassembly with a face having a perimeter, said subassembly face comprising the radiator face and the charge air cooler face; and~~

mounting the subassembly into the opening of the frame; ~~and so that the perimeter of the face of the subassembly seals against the flange.~~

sealing the perimeter of the subassembly face against the flange, thereby eliminating leak paths around the perimeter of the subassembly face.

7 (currently amended). The method of claim 6, wherein the step of connecting the one side of the radiator and to the one side of the charge air cooler is releasable and wherein the connecting step is done with nuts and bolts.

S/N 10/053,514
AMENDMENT

ATTY DOCKET NO. 0212-0001

8 (original). The method of claim 6, further comprising attaching strips of foam to the flange in order to ensure a positive seal between the perimeter and the flange.

9 (new). A subassembly according to claim 1, wherein the radiator has a side and the charge air cooler has a side, wherein the side of the radiator is connected to the side of the charge air cooler, and wherein the seal is formed between the side of the radiator and the side of the charge air cooler.

10 (new). A subassembly according to claim 1, wherein the seal between the radiator and the charge air cooler is a metal to metal seal.

11 (new). A cooling package according to claim 3, wherein the radiator has a side and the charge air cooler has a side, wherein the side of the radiator is connected to the side of the charge air cooler.

12 (new). A cooling package according to claim 3, wherein the seal between the perimeter of the face of the subassembly and the flange is a metal to metal seal.

13 (new). A method according to claim 6, wherein said radiator has a side and said charge air cooler has a side, wherein said connecting step comprises connecting the side of the radiator to the side of the charge air cooler.